

C. C. Brosch & Sons

A. I. A. No. 14-K (Fences)
15-D (Wrought Ironwork)



MINNESOTA

FENCE AND WIRE WORKS

240-242 W. UNIVERSITY AVENUE



SAINT PAUL, MINNESOTA

CATALOG OF THE
MINNESOTA FENCE & WIRE WORKS

Manufacturers and Erectors of

ORNAMENTAL IRON AND WIRE FENCING , IRON AND WIRE WINDOW GUARDS ,
WIRE BANK CAGES AND TOOL ROOM ENCLOSURES , WIRE VENTILATION AND
SKYLIGHT GUARDS , FIRE DOORS , FIRE ESCAPES , CASHIERS' WICKETS ,
ORNAMENTAL IRON VAULT GRILLS , ALL TYPES AND DESIGNS OF ORNAMENT-
AL WROUGHT IRON , PIPE RAILINGS , CLOTHES POSTS , RACKS , SWINGS ,
ETCETERA.



Please Note :

It is impossible, within the limited space of this catalog, to list and illustrate all of the many types of iron and wire fencing, grills, railings, gratings, gates, swings, clothes posts, flower boxes, fire doors, wickets, etc., that we are equipped to manufacture. In this catalog we list and show only a few examples out of the hundreds of types of work and design we are able to produce.

Whatever kind of work you may wish, for whatever purpose, if it is built of iron and wire we are equipped to produce it promptly and economically, as well as to erect it if desired. For any special work, simply submit plans, specifications or blue-prints. For prices on any of the work shown in these pages simply write us, mentioning page and illustration, and give detailed measurements. In all cases, you will receive our quotation promptly .



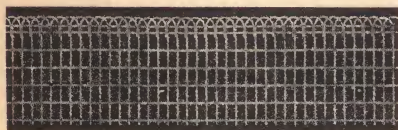
240-242 W. UNIVERSITY AVENUE
SAINT PAUL..MINNESOTA

Residential Fencing, Clothes Posts, etc.



This illustration shows a neat and inexpensive type of back-yard fencing that insures privacy at modest cost. Note also the sturdy clothes-posts, taking little room but capable of years of service.

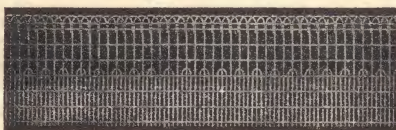
SOME POPULAR STYLES OF FENCING



STYLE "L-X" FABRIC

A high grade lawn fence at a moderate price. Pickets No. 9 heavy, galvanized wire, spaced $2\frac{7}{8}$ in. apart from top to bottom of fence.

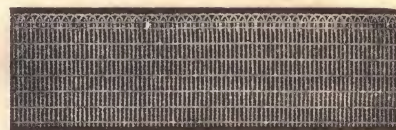
Heights, inches . . 36 42 48



STYLE "T" FABRIC

Made same as "L-X" but with lower part of fabric spaced $1\frac{3}{8}$ in. apart, making it chicken-tight and more ornamental.

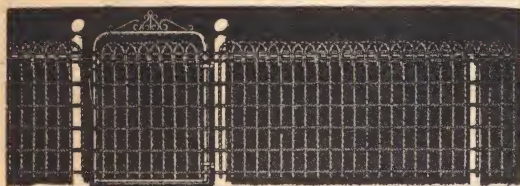
Heights, inches. . . . 36 42 48 60



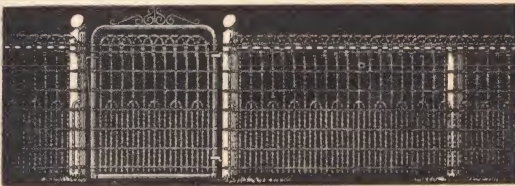
STYLE "S" FABRIC

Like "L-X" with additional picket through center, making space $1\frac{3}{8}$ in., thus discouraging children from climbing.

Hghts., inches 36 42 48 60 72



Showing Style "L-X" Fabric erected on Cedar Posts and Pine Railing. Heights, . . 36, 42, and 48 inches.

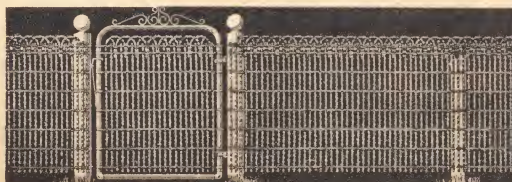


Style "T" Fabric on Cedar Posts and Pine Railing. Comes in heights of 36, 42, 48, and 60 inches.

FOR PROTECTION

Sturdy material as well as careful installation, are a necessary consideration if you are to have both the beauty and the protection you expect, in residential fencing. Our experience of years is your assurance of real and lasting satisfaction . . true protection.

A well-built fence insures privacy and adds beauty and dignity to the appearance of your home.

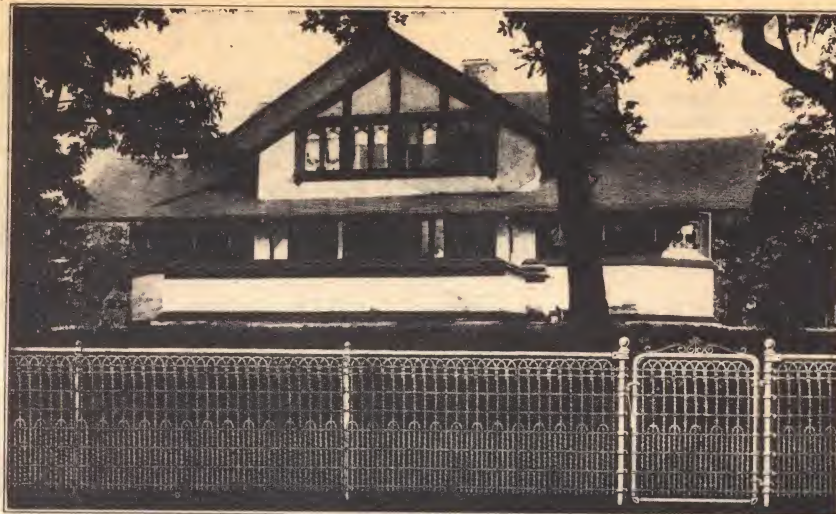


Showing Style "S" Fabric erected on Cedar Posts and Pine Railing. Heights come in 36, 42, 48, 60 and 72 inches.

FOR PRIVACY

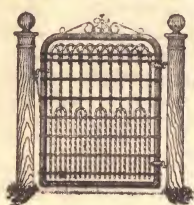
The preservation of your lawn and garden, the safety of your children and household pets, is made far more sure, with the erection of a sturdy and pleasingly designed fence. A wide variety is available, assuring a fence well within your budget.

This shows the appearance of Style "F", erected on tubular steel posts and steel rails.



Styles "L-X" or "S" can be used similarly, making attractive fencing at less cost.

CYCLONE WALK GATES



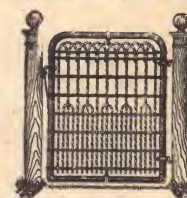
Frames are of heavy high-grade steel tubing, 1 1/8 in. diameter. Style "F" fabric regularly furnished, but "L-X" or "S" available on special order without extra charge. Heavy ornamental scroll tops. Hinges and spring latch furnished, for use with wood posts. Steel post fittings at slight extra cost. Painted black. Heights, 30, 36, 42, 48, 60 or 72 inches, for 3, 3 1/2 and 4 foot openings.

PERFECTION FLOWER BED BORDER



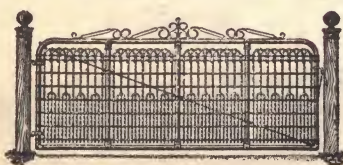
This illustration shows our 16-inch border, which is high enough to protect flower-beds in city parks, lawn or boulevard. The 22-inch border is slightly higher in cost, but gives an additional 6 inches in height. Height is measured from top of the fabric to bottom of pickets. Pickets made of No. 9, and cables of No. 13 heavily galvanized wire. Comes in 10 and 20-rod rolls, with 3 cables to the 16-inch height, 4 to the 22-inch height.

UNIVERSAL WALK GATES



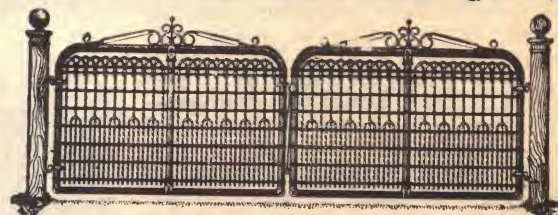
This is a strong durable gate, practical for front, back, garden or poultry yard. Frames are same as on "Cyclone" walk gate, fabric is the close-mesh, popular style "F", heavily galvanized. With hinges and latch for wooden posts. Slight extra cost for steel post fittings. Black finish. Comes in 36, 42, or 48 inch heights, for 3, 3 1/2 and 4 foot openings.

ORNAMENTAL DRIVE GATES



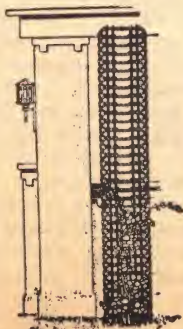
Frames of heavy high-grade steel tubing, 1 1/8 in. outside diameter. Heavily galvanized fabric (Style "F") regularly used. "L-X" or "S" style furnished without extra charge on special order. Equipped with scroll tops, also hinges and spring latch for wood posts. Framework painted black. All gates 8-foot and over are provided with adjustment truss rod to prevent sagging. Regularly furnished in 36, 42, 48, 60 and 72 inch heights for 8, 10, 12 and 14 foot openings.

ORNAMENTAL DOUBLE GATES



Frames of heavy high-grade steel tubing, 1 1/8 in. outside diameter. Heavily galvanized fabric (Style "F") regularly used. "L-X" or "S" style furnished without extra charge on special order. Equipped with scroll tops, also hinges and spring latch for wood posts. Furnished with fittings so one-half of gate may be held firmly in place while other half is used as walk gate. Gate rest furnished on special order, and included without charge with complete fence. In 36, 42, 48, 60 and 72 inch heights for 8, 10, 12, 14, 16, and 18 foot openings.

FLOWER AND VINE TRELLIS



This trellis is both practical and durable. Attractive in appearance—appropriate for vines and climbing flowers. Made of a heavy wire, retains shape, easy to put in position, and will last for years. Corrugated wires are No. 10, cables No. 13 heavily galvanized wire. In 2 styles, and 3 widths, 18, 24, and 30 inches. Put up in 10 and 20 rod rolls.

TRELLIS ON TUBULAR STEEL FRAME

This type of vine arch is often used over gates and pathways for lawns and gardens. Also popular for park and cemetery decoration. Frame of 1-in. tubular steel, fabric the double-end "L-X" trellis same as shown at left. Finished in green. Built to any shape or size desired. In 18, 24 and 30 in. widths.



INDUSTRIAL FENCING..

On this and following pages we illustrate the well-known Cyclone "Galv-After" chain link fabric, made of copper-bearing wire on tubular copper-bearing steel framework. Galvanized after weaving, made of copper-bearing steel, Cyclone fabrics are doubly protected against corrosion, and will defy the elements for generations. The framework, too, is of copper-bearing steel, and is hot-dipped galvanized. Thus Cyclone offers a complete fence, one that comes nearest to being All Rust Proof of any fence on the market. For complete and lasting satisfaction, specify Cyclone "Galv-After" Chain Link Fence with Tubular Copper-Bearing Steel Framework.

SAFEGUARD FENCE - FOR SCHOOLS. FACTORIES. ETC.



Safeguard Fence is especially suited to school use. It stands rough use; shuts off playground from street; protects children from traffic dangers; centralizes entrances and exits; protects buildings, equipment, and lawns from rowdies and vandals. In heights from 4 to 12 feet.

INVINCIBLE - A POPULAR FENCING FOR FACTORIES. ATHLETIC FIELDS. ETC.

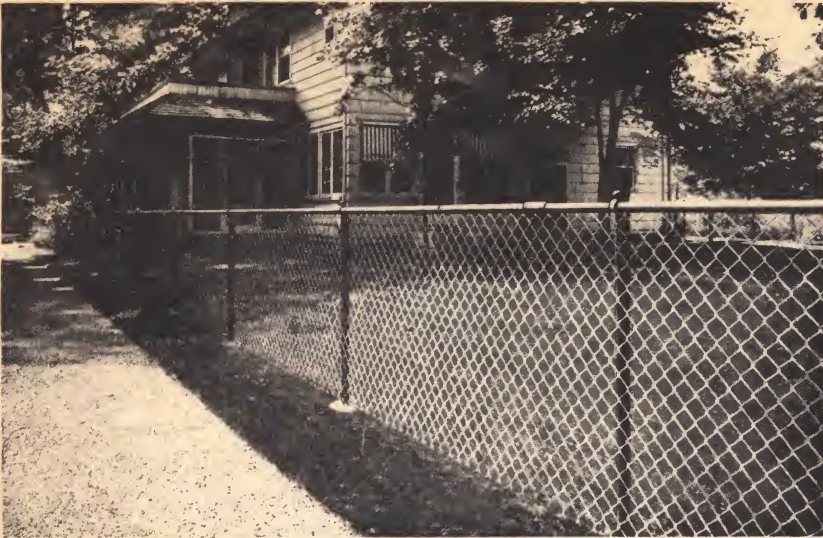
This fencing is generally made of 2-inch No. 9 copper-bearing steel wire mesh, with posts set 8 to 10 feet apart. Gate posts $3\frac{1}{2}$ inch outside diameter, and posts 3 inch outside diameter, intermediate posts $2\frac{1}{2}$ inch outside diameter. Top rail $1\frac{5}{8}$ inch outside diameter. Posts and railings painted or galvanized at slight extra charge. Heights of 4 to 12 feet.



CYCLONE SAFEGUARD FENCE FOR CEMETERIES

A graceful and dignified enclosure. Artistic, its very simplicity harmonizes perfectly with its environment. Affords effective and dependable protection. Standard heights are 4 to 12 feet. Built higher when desired. Fabric is heavy galvanized steel wire woven in 2-inch chain link mesh. Top and bottom selvages have barbed and knuckled finish. Posts and framework are full weight tubular steel. Entrance gates or arches for any size opening can be furnished, of special design, or to match fence. Heavy galvanized finish, or framework painted in green or black if desired. Cyclone Fence for cemeteries can be had in a wide variety of design in either iron or wire.

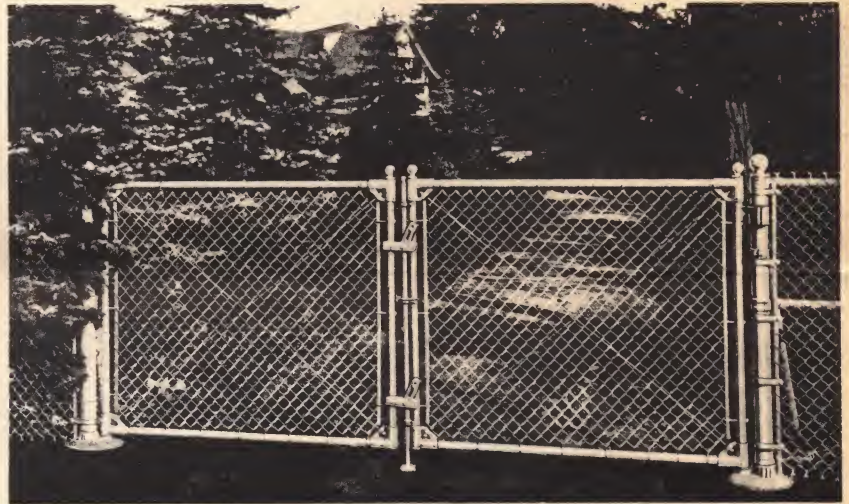
SAFEGUARD CHAIN LINK FENCE FOR SUBURBAN HOMES. ETC.



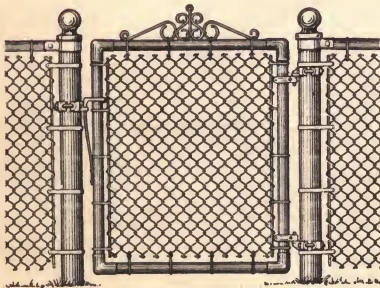
This illustration shows the beauty and practicality of the famous Cyclone Chain Link Fence, a type especially suited for city as well as suburban homes. Built in any height up to and including 10 feet. Walk and drive gates can be furnished to match fence, or if preferred, wrought iron gates can be had in a wide choice of designs. This type of fence is a lasting investment, and will safeguard the privacy and beauty of your home for many years.

SWING GATES USED WITH CYCLONE CHAIN LINK FENCE

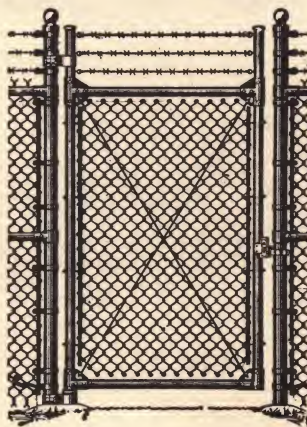
Swinging Gates can be had in either single or double type for any height and any size opening, to harmonize with whatever style of Cyclone Fencing you may desire. These gates are built with the same care and attention to detail as all Cyclone equipment, and will give years of satisfactory service.



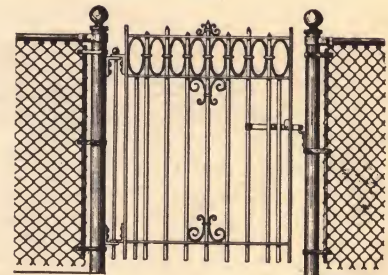
WALK GATES



This type of Ornamental Walk Gate harmonizes with Safeguard Fence. It has a scroll top, and is equipped with spring latch. A practical gate of modest cost that will give long years of good service.

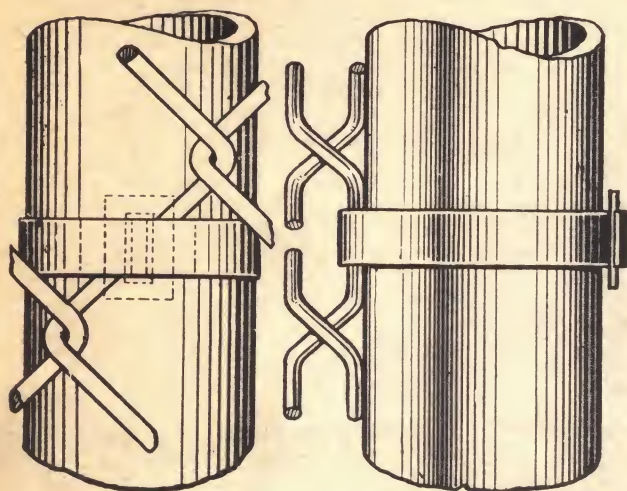


This type of walk gate is made for use with the Invincible and Non-Olimbable Fence. It has the "Ball and Socket" type hinge, and a Fork Latch. Sturdily built.

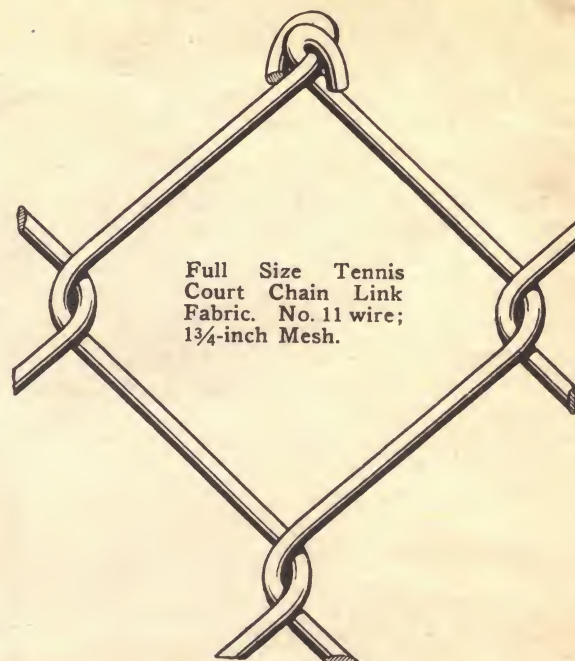


The unusual beauty of this Steel Picket Walk Gate makes it a general favorite with many people. Of standard architectural design, it is built especially for use with Safeguard Fence.

TENNIS COURT ENCLOSURES BASE BALL BACK STOPS



SHOWING DETAIL OF
POSTS AND FASTENING



DETAILED VIEW OF FABRIC

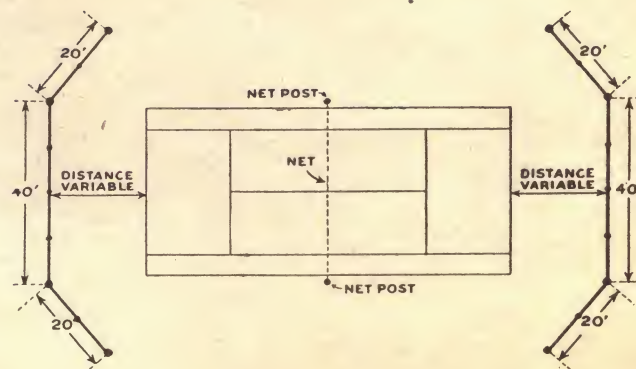
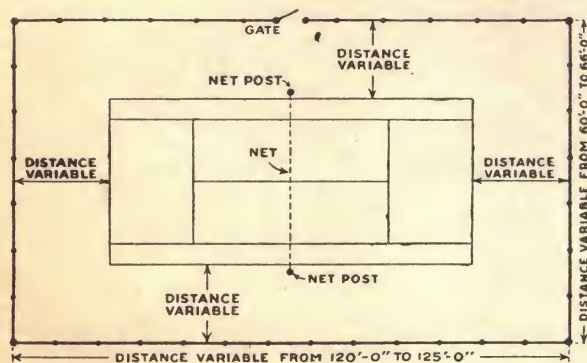
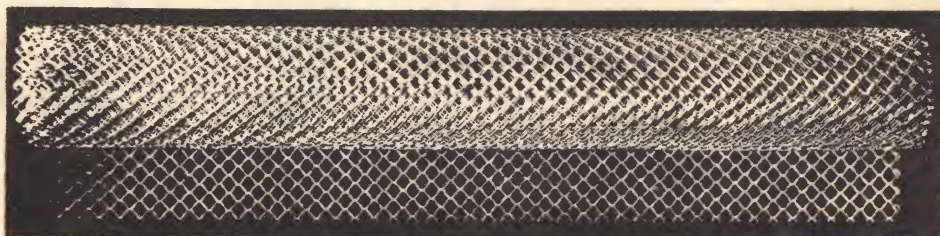
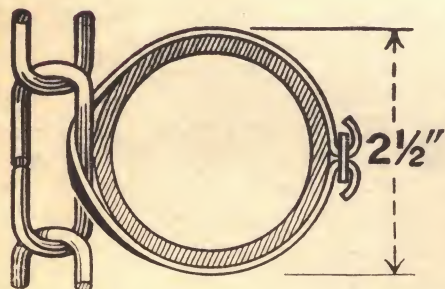


DIAGRAM OF PROPER LAYOUT FOR TENNIS COURT
ENCLOSURES AND BACK STOPS



TENNIS COURT ENCLOSURES AND BACK STOPS

Cyclone Tennis Court Enclosures and Back Stops are made of Cyclone Chain Link Fabric, using No. 11 gauge heavily galvanized copper-bearing steel wire woven in a $1\frac{3}{4}$ inch diamond mesh. Chain Link Fabric, because of its strength and durability, will last for years. It should not be confused with the light wire poultry netting formerly used.

Furnished regularly in 10 and 12 ft. heights. Finished all heavily galvanized, or with framework painted green.

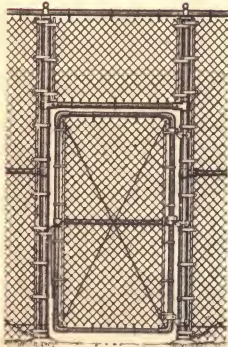
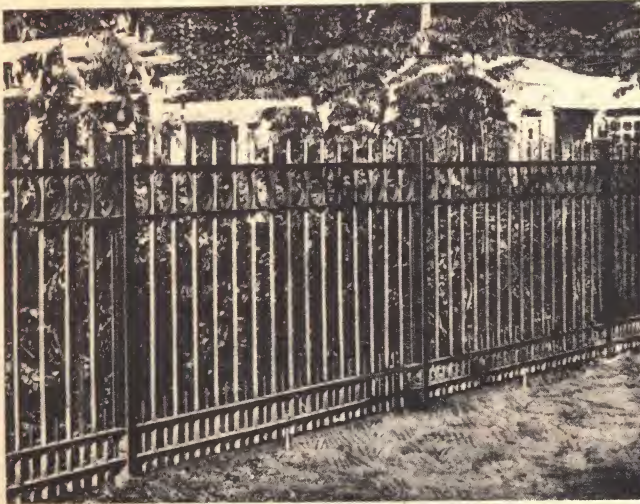


Illustration at left shows type of gate used with Cyclone Tennis Court Enclosures.

ORNAMENTAL IRON FENCES

FOR PRIVACY AND PROTECTION



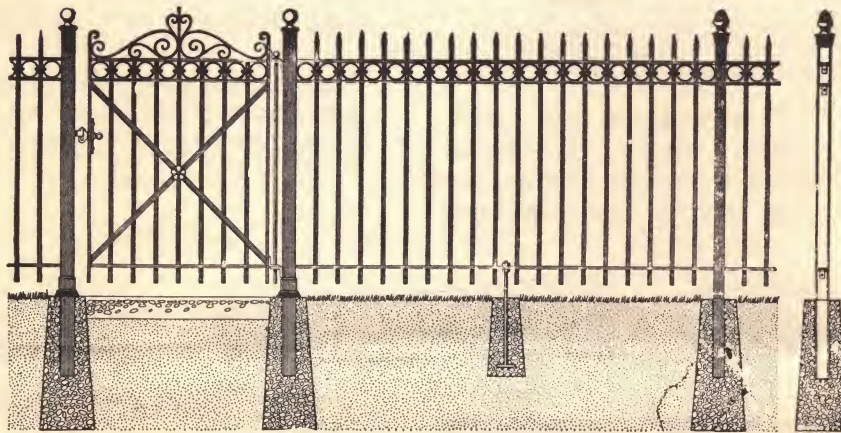
A fence of Wrought Iron, properly erected around your premises, will add a new dignity and beauty to the appearance of your home. The preservation of Lawn and garden, the safety of children and household pets, are assured with a sturdy and beautiful fence, such as are shown on the following pages. All of our fences afford life long protection, and are carefully installed to give lasting satisfaction. A few of the many styles we make are shown. For any special design now shown, simply send drawings and specifications, with diagram of fencing required, and we will quote prices.

STYLE "A" FENCE — WITH NO. 1 GATE AND NO. 1 POSTS

Cut at right shows our style "A" Fence, with No. 1 Gate and No. 1 Posts. The rods are $\frac{3}{8}$ in. and $\frac{1}{2}$ in. round. The rails are $1\frac{1}{2}$ inch, channel iron; height from ground 37 to 48 inches. Fencing is well braced, and when properly set will last for ages.



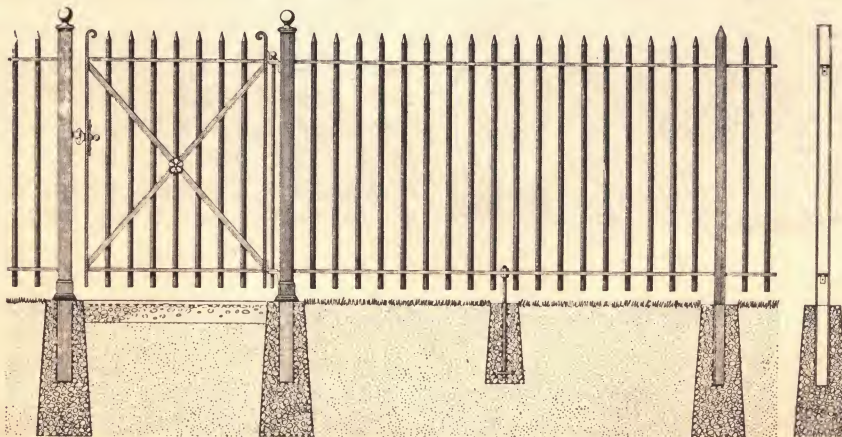
ORNAMENTAL IRON FENCES



PATTERN O8 — Bordering on the ornamental, this pattern affords an iron fence of pleasing appearance at a moderate price. When erected, its beauty is immediately evident, as it imparts a pleasing and finished appearance to the premises.

SPECIFICATIONS

- O O8. $\frac{1}{2}$ inch Square Pickets, spaced 4 inches on centers. $1\frac{1}{2} \times \frac{1}{2}$ inch Channel Rail. Height from ground, when set, 37, 42, and 48 inches.
- O O8A. $\frac{5}{8}$ in. Square Pickets, spaced 5 inches on centers. $1\frac{1}{2} \times \frac{1}{2}$ inch Channel Rail. Height from ground, when set, 37, 42, 48, 54, and 60 inches.
- O O8B. $\frac{3}{4}$ inch square Pickets, spaced 5 inches on centers. $2 \times \frac{5}{8}$ inch Channel Rail. Height from ground, when set, 37, 42, 48, 54, 60, 70 in.



PATTERN C O9. Another pleasingly simple design with a trimly dignified appearance. A strong, good-looking fence, not quite so ornate as C O8, but in excellent taste.

SPECIFICATIONS

- O O9. $\frac{3}{8}$ in. Square Pickets, spaced 4 inches on centers. $1\frac{1}{2} \times \frac{1}{2}$ inch Channel Rail. Height from ground, when set, 37, 42, and 48 inches.
- O O9A. $\frac{1}{2}$ inch Square Pickets, spaced 4 inches on centers. $1\frac{1}{2} \times \frac{1}{2}$ inch Channel Rail. Height from ground, when set, 37, 42, and 48 inches.
- O O9B. $\frac{5}{8}$ in. Square Pickets, spaced 5 inches on centers. $1\frac{1}{2} \times \frac{1}{2}$ inch Channel Rail. Height from ground, when set, 37, 42, 48, 54 and 60 inches.
- O O9C. $\frac{1}{2}$ inch Square Pickets, spaced 5 inches on centers. $2 \times \frac{5}{8}$ inch Channel Rail. Height from ground, when set, 37, 42, 48, 54, 60 and 70 in.

Iron fence erected at Nina and Laurel Avenues, in St. Paul. A trim and sturdy design certain to give good service.



This type of fence made in any height, of $5/8$ or $3/4$ inch square upright bars with channel type horizontal bars.

CEMETERY GATES . ARCHES . ETC.



A COMBINATION OF Walk Gate No. 18-A on each side of Drive Gate No. 18-A, creating a practical and dignified entrance-way. Also available with Double Drive Gate. Standard widths, 10, 12 and 14 feet between posts. Built of $1/2$, $5/8$, $3/4$ and $7/8$ inch Pickets. Walk Gate widths, $3\frac{1}{2}$ feet and 4 feet between posts. Built of $1/2$, $5/8$, $3/4$ and $7/8$ inch Pickets.

An entrance-way both beautiful and eminently practical. Double Drive Gates -- Standard widths of 12 and 14 feet between posts, built of $1/2$, $5/8$, $3/4$ and $7/8$ inch upright Pickets.



Walk Gates are also standard widths with $3\frac{1}{2}$ foot and 4 foot openings. Arch can be used with either iron posts or brick and cement piers, and can be furnished for any size of opening.



CEMETERY ARCHES

Arches such as these dignify and make impressive the front entrances to any cemetery. The heavy upright posts give ample strength, while the ornamental scroll work creates a most pleasing effect. Any desired lettering can be had in the panel space at top of arch.



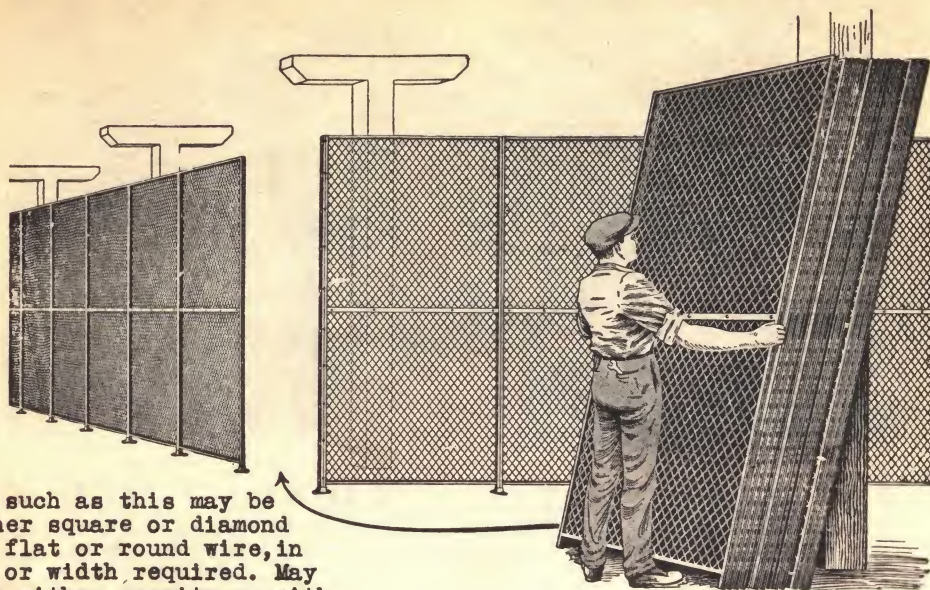
NO. 3 CEMETERY ARCH

This makes a very handsome front entrance arch. Upright posts are of extra heavy 2-inch tubular steel. Scrollwork is of heavy wrought iron, and securely riveted. Lettering of heavily galvanized sheet metal, finished in either silver-aluminum or gold-bronze. Can be had with either ball tops or crosses as desired. Regularly built to give 11 feet clearance in height, but can be furnished higher. Standard size is 12 feet for main driveway, $3\frac{1}{2}$ feet each walk gate. Total width is 23 feet 8 inches, outside measurement.

NO. 2 CEMETERY ARCH

Not quite so elaborate as the No. 3, yet a most desirable and artistic entrance to any cemetery, park or public grounds. Built in the same sturdy manner as the No. 3 Arch, of the same trustworthy material. Regularly built to give 11 feet clearance in height, but can be built higher if desired. Standard openings are 8, 10 and 12 feet but this may be changed according to individual specifications and needs. A number of other designs are also available, and any special designed can be readily fabricated by us.

TOOL ROOM ENCLOSURES

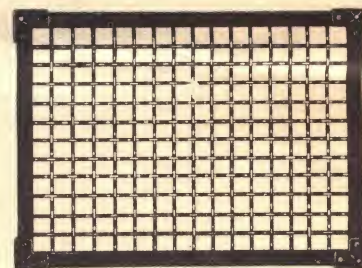


Enclosures such as this may be had in either square or diamond mesh, using flat or round wire, in any height or width required. May be had with either gravity or with swinging doors. Prices gladly quoted.

OFFICE AND BANK WICKETS AND GRILLS



VENTILATION GRILLS



Showing ventilation screen for heating systems. Standard screens made of No. 10 galvanized wire japanned, $1\frac{1}{4}$ inch mesh, with 1 inch angle frame and ornamental corner. Also made of $\frac{3}{16}$ and $\frac{1}{4}$ inch wire. Prices quoted on application.

WINDOW GUARDS

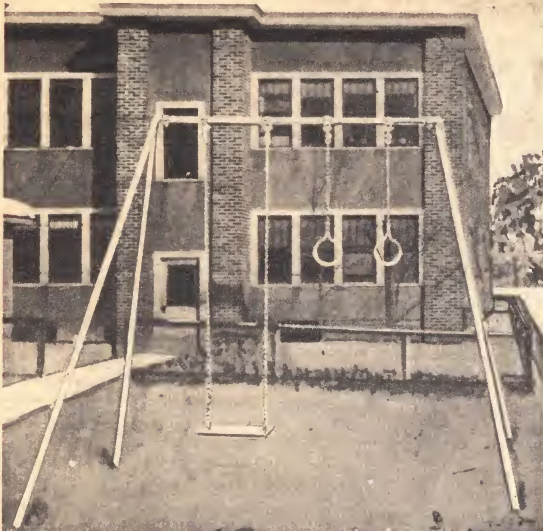


Window guards can be had with either the channel or the round iron frame, in any mesh and to fit any desired opening. Detailed construction of the Channel Guard Frame is shown at the left, of the Round Iron Guard Frame at the right. Guards with channel-iron frames fit into the openings, and exact opening sizes are required. Guards with round-iron frames usually allow $\frac{1}{4}$ inch on all sides for lap, but can be made to fit into openings. Frames are 1-in. channel, $\frac{3}{4}$ -in. channel or $\frac{3}{8}$ -in. round iron. In ordering be sure to state outside-to-outside measurements of complete guards.



Grills and enclosures can be made for any required purpose, in any size, and to practically any specifications. Because we have all necessary equipment as well as a staff of competent and skilled workmen with years of experience, we are in position to advise and guide you in the solution of any particular problem, or any specific type of installation you may require. We will welcome the opportunity of a consultation at any time.

PLAYGROUND EQUIPMENT-CLOTHES POSTS etc.



Playground equipment is made of $2\frac{1}{2}$ inch, O.D. pipe throughout, with all malleable fittings. Can be furnished with swing and rings as shown, or with two swings. Single or triple installations also available.

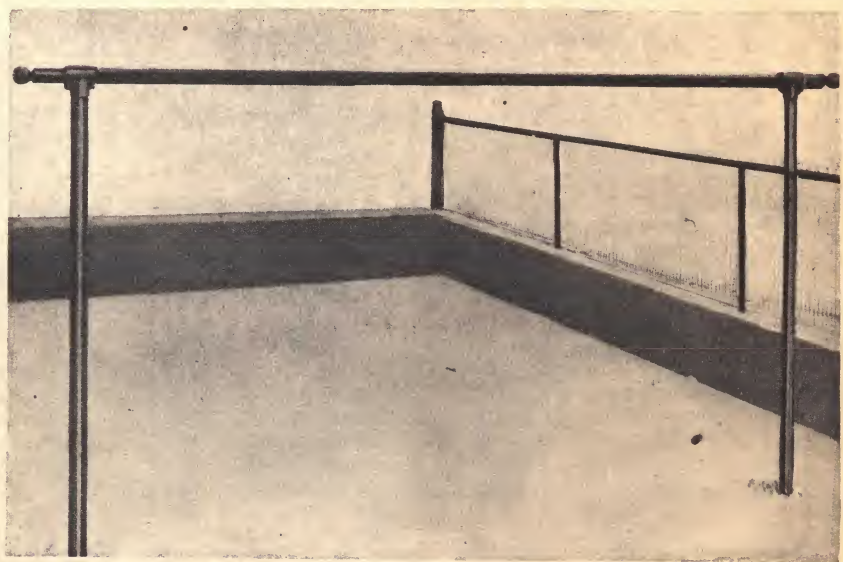


CLOTHES LINE POST NO. 1. Will not warp, burn or split. Made of $2\frac{1}{2}$ inch outside diameter pipe. Uprights $9\frac{1}{2}$ feet, cross arms $6\frac{1}{2}$ feet, with 5 hooks. Good for many years of service, at extremely low first cost.

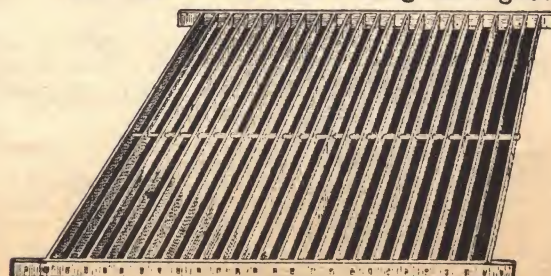
FIRE ESCAPES



We make and erect Fire Escapes to comply with the laws of all states. Give correct heights of the various stories of building, widths of windows and doors the escape is to connect with, and if possible, send photo of building, marking location where escape is to be placed.



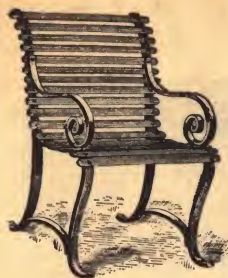
DOUBLE CLOTHES RACK. Made up to 12 feet long using 2 uprights, and up to 24 feet long using 3 uprights. Built of $2\frac{1}{2}$ inch outside diameter steel tubing throughout. Gives years of service.



SIDEWALK GRATINGS

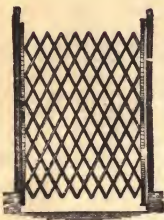
We make Sidewalk Gratings in any size, to fit any opening. Write for prices.

CHAIRS AND SETTEES



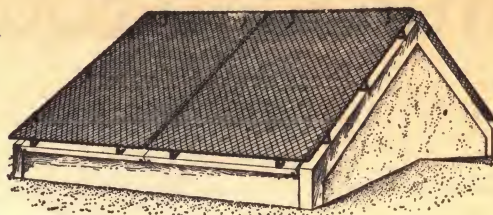
We manufacture iron chairs and settees for lawns, parks and cemeteries. Write us for prices.

COLLAPSIBLE GATES



Collapsible gates, strongly made for long hard wear, can be furnished in any size desired. Let us quote on your needs.

SKYLIGHT GUARDS



Wire skylight guards made to fit any size opening. Prices gladly quoted.

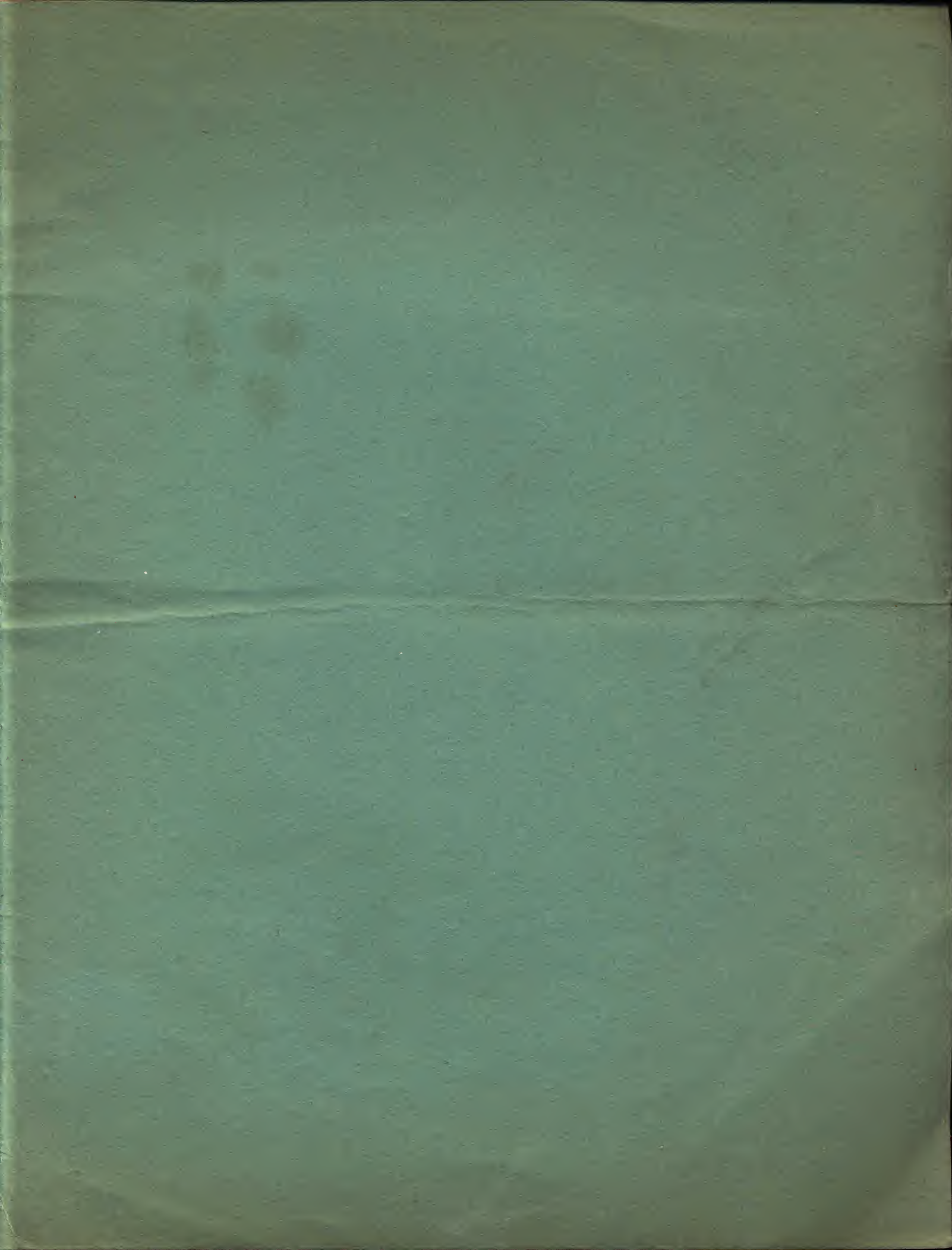
CHIMNEY ORNAMENTS



These wrought iron "S" ornaments are available in two standard sizes, either 22 or 36 inches long. Prices on request.

I N D E X

A. Arches, Cemetery 9 Athletic Field Backstops . . . 6,7 Fencing 4	E. Escapes, Fire 15 Equipment, Playground . 15 Enclosures, Bank 10 Office 10 Tool Room 10	Guards, Skylight 16 Window 10, 12 French Door 12	S. School Fencing 4-7 Settees and Chairs . . . 16 Sidewalk Gratings . . . 15 Skylight Guards 16 Stair Railings . . . 11-14
B. Bank Wickets, Grills, etc. . . . 10 Baseball Backstops . . 6,7 Borders, Flower Bed . . 3 Boxes, Window Flower, 11, 12, 13	F. Fencing, Chain Link . . . 4-5 Cemetery 4,9 Factory 4,5 Industrial 4-7 Ornamental 7-9 Residential 2,3 School 4-7 Tennis Court 6-7	I. Industrial Fencing . . . 4-7 Iron Fencing, Ornamental 7-9 Ironwork, Ornamental 11-14	T. Tennis Court Enclosures 6,7 Tool Room Enclosures . 10 Trellis, Flower & Vine . 3
C. Cemetery Arches 9 Fencing 4,9 Gates 9 Chain Link Fencing . . 4,5 Chairs and Settees . . . 16 Chimney Ornaments . . . 16 Clothesline Posts . . . 2, 15 Collapsible Gates . . . 16	Fire Escapes 15 Flower Bed Borders . . . 3 Flower Boxes, Window . 11-13 Flower Trellis 3	O. Ornamental Iron Fencing 7-9 Ornamental Ironwork . 11-14	V. Ventilation Grills 10
D. Drive Gates 3, 5	G. Gates, Cemetery 9 Collapsible 16 Drive 3, 5 Walk 3, 5 Gratings, Sidewalk . . . 15 Grills, Bank 10 Sidewalk 15 Ventilation 10 Window 11, 12	P. Playground Equipment . 15 Platform Railings . . . 11-14 Posts, Clothesline . . . 2, 15 R. Racks, Clothesline . . . 15 Railings, Ornamental . 11-14 Stair 11-14 Residential Fencing . . 2, 3	W. Walk Gates 3 Wickets, Bank 10 Window Flower Boxes 11-13 Window Grills 11-12



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A. I. A. No. 14-K (Fences)
15-D (Wrought Ironwork)